Rollei **BULLET HD**

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Rollei **Bullet HD 2**

USER GUIDE

**FOR ENGLISH | GERMAN | SPANISH | PORTUGUESE | ITALIAN | GREEK
FRENCH | DUTCH | POLISH | RUSSIAN | CZECH | HUNGARIAN | SWEDISH
FINNISH | NORWEGIAN | DANISH**

Welcome to the Rollei Bullet HD family!

- Thanks for purchasing this Bullet HD 2

- Please read this instruction manual to ensure correct use of the product prior to use.

- Please keep this instruction manual in a safe place.

- The warranty does not cover any damage that may occur during a sport activity.
  It is the users responsibility to secure the action cam securely to any sport equipment.

What's in the box?
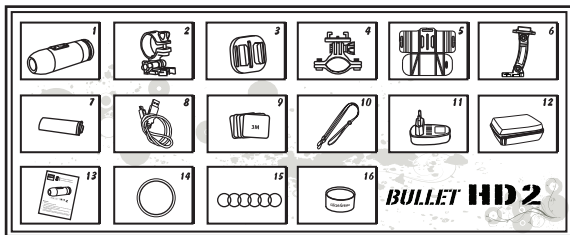
1. Camcorder with Sound Cap
2. Camcorder Mount
3. Universal Mount
4. Roll Bar Mount
5. Pad Mount
6. Rotating Kit Set
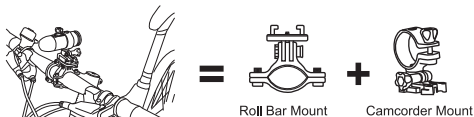7. Battery
8. USB Cable
9. Adhesive (3M) sticker 5pcs

10. Hand Safety Strap
11. EU charger
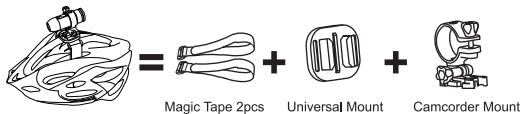12. Travel Case (BIG)
13. User manual

Extra Packed in unsealed bag
14. Waterproof Cap
15. Rubber O-ring 6pcs
16. Silicon Grease Oil

How to use

1.Camcorder on Handlebar

Roll Bar Mount   Camcorder Mount

2.Camcorder on Vented Helmet

Magic Tape 2pcs   Universal Mount   Camcorder Mount

3.Camcorder on top of helmet

3M	3M
3M	3M

Adhesive Stickers 4pcs   Pad Mount   Rotating Kit Set   Camcorder Mount
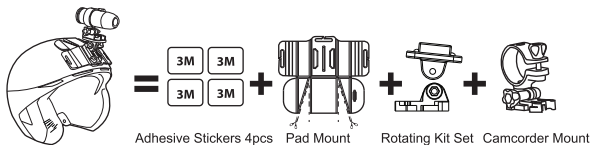
4.Camcorder on Non-vented Helmet

3M

Adhesive Sticker   Universal Mount   Camcorder Mount

5.Camcorder on surfing board or any curved surface

Adhesive Stickers 4pcs   Pad Mount   Rotating Kit Set   Camcorder Mount
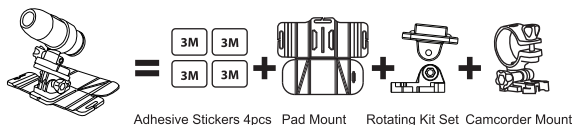
6.Camcorder on Front Helmet

Adhesive Stickers 4pcs   Pad Mount   Rotating Kit Set   Camcorder Mount

Caution!
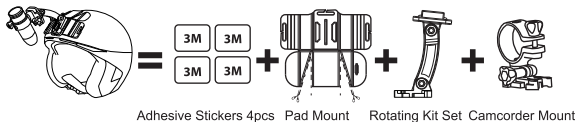
Using BulletHD for Water Sports
Remind you to put some silicon grease to the rubber O-ring from time to time, especially before using underwater. Make sure the rear cap ③ was closed tight.

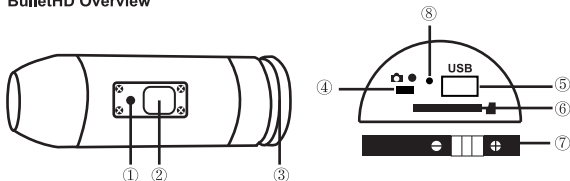O-ring   Silicon Grease   Waterproof Cap

BulletHD Overview

① LED ② Power / Shutter ③ Rear Cap ④ Mode Switch
⑤ USB ⑥ MicroSD Card Slot ⑦ Battery ⑧ Microphone

INITIAL SET UP

1. Make sure the BulletHD is OFF before adding or removing the memory card!

2. Screw out the rear cap (open) located at the back of the BulletHD ③.

3. Install a micro SD memory card (max up to 32GB) into the rear slot. To insert the micro SD card, slide the micro SD card into the card slot on the back of the BulletHD with the card label facing down. The micro SD card will click into place once it is inserted past flush with the Bullet HD. Use your fingernail to do this. Then screw in the rear cap till is complete lock.

4. If no micro SD memory is inserted in the Bullet HD, the LED on top of the camera will blink red and green.

5. When using a micro SD memory card in the Bullet HD, there should be no data from other devices on the card. If you are using a micro SD memory card for the first time in the Bullet HD, first you should format the card in your computer.

■■■■   Charging the battery

Screw out the rear cap located at the rear of the camera ③ and plug the USB charger to the camera. The blue light is on while charging, goes off when the battery is fully charged. On the first use charge the battery 10 hours before use! You can record up to 125 minutes with one charge.

Power on/off your BulletHD

Turn BulletHD On	Turn on the Bullet HD by pressing the Power/Shutter button ② for at least 3 seconds until the green LED turns on. After releasing the button the red LED flashes twice and the Bullet HD vibrates once, indicating that it is in standby mode.
Turn BulletHD Off	Turn the bullet HD off by pressing the Power/Shutter button ② in standby mode until the red LED flashes. The Bullet HD will vibrate twice, indicating that it switches off.

Date & Time Setting

There are two ways to set date and time of the Bullet HD:

1. Use the program DateSet.exe from the CD (Windows only).
   Run the program by double clicking it and follow the instructions on the screen. If the device is connected to the computer, the program copies a file "time.txt" to the memory card with the actual date and time.

2. Use a text file "time.txt" to change date and time. Enter the following text line into the file "time.txt" (a sample of the file "time.txt" you can find on the CD):

   YYYY.MM.DD hh:mm:ss Y/N
   Y = year   h = hour
   M = month   m = minutes
   D = day   s = second

   NOTICE:
   YYYY.MM.DD hh:mm:ss Y   (Date & Time Display Function "ON")
   YYYY.MM.DD hh:mm:ss N   (Date & Time Display Function "OFF")

Copy the file "time.txt" to the root directory of the memory card and insert the memory card into the device.

After the Bullet HD is switched on, the date and time is set to the values in the file "time.txt" and the file will be deleted.

Rollei BULLET HD

Remember to insert a micro SD card before you start taking videos or pictures!

Storage Chart							
Digital Photos				HD Video Recording			
4GB	8GB	16GB	32GB	4GB	8GB	16GB	32GB
3636	7272	14545	29090	40mins	80mins	160mins	320mins

Take a Video

To take videos with the Bullet HD, make sure that the Video/Photo switch ④ is set to the right for video mode. Turn on the Bullet HD by pressing the Power button ②. Press the Power/Shutter button ② shortly to start a video recording. The red LED will blink while the video is recording. Press the Power/Shutter button ② again to stop recording.

Take Still Pictures

To take still pictures with the Bullet HD, make sure that the Video/Photo switch ④ is set to the left for photo mode. Turn on the Bullet HD by pressing the Power button ②. Press the Power/Shutter ② button to start taking photos, the red LED will blink. Press the Power/Shutter button ② again to stop taking photos and to go back to the standby mode.
In photo mode the Bullet HD will take sequentially photos every 3 seconds. It stops automatically if the battery is empty or if the micro SD card is full.

Playback on your computer

Screw the rear cap ③, power on the BulletHD, connect with your computer via USB cable from the USB port ⑤. The camera will be recognized automatically as USB Device. Or you can take out the micro SD card and use your own card reader to connect with your computer too.

Caution! The device must be power on while connected with computer for data download. Don't remove the battery!
When you remove the battery while the video is playing, damage to your video data could occur!

On a MAC

Simply plug the BulletHD into your MAC with the included USB cable, turn your BulletHD on, and the MAC OS will recognize the BulletHD as an external hard drive.

IMPORTANT TIP FOR MAC USERS
When deleting files from your MicroSD cards you must empty the trash before removing it or unplugging the BulletHD. If you do not empty your trash the photos and videos files will not be completely erased from your cards.

LED Status Table	Green LED	Red LED	Blue LED
Standby	On	Off	Off
Battery charging	Off	Off	On
Taking Video	On	Flashing	Off
Taking Photo	On	Flashing	Off
Low battery	Flashing	Off	Off
No micro SD card	Asynchronous Flashing		Off
Micro SD card fill up	Speedy Synchronous Flashing		Off
Data transfer	On	Flashing	Off

REMARKS: THE SPECIFICATION IS SUBJECT TO CHANGE WITHOUT NOTICE.

Service and Repair

Our service outlets will be happy to assist you in case of problems with the operation of the device or with any queries and problems.
The device comes with a manufacturer´s warranty of 2 years. Please see enclosed Warranty Card for details.
Please contact our hotline prior to returning a defective device.
http://www.rollei-bullet.com

Webcam Function

1. Operating systems: Windows XP (SP 2), Windows Vista or Windows 7.

2. Install the webcam driver from the software CD.

3. Turn the Bullet HD off and connect it to the computer with the USB cable.

4. Switch the camera on by pressing the Power/Shutter button ②.

5. If the Bullet HD is not installed automatically, go to the device manager of the computer and update the driver software for the device "standard camera" manually with the driver "STK03N" from the drivers list of your system.

Specification for AC charger

- Rated input voltage: AC 110~240V
- Input voltage frequency: 47HZ ~63 HZ
- Output voltage: 5.0~5.5V
- Output current: 450~550mA
- Working conditions: Temperature: -10° ~ 60°;
                                              Humidity: 30% ~ 80%

Technical Specifications

Optics:
- Fisheye view
- f/2.4, fixed focus glass lens

Video:
- HD Resolution Settings: 720p: 1280x 720 @30fps
- Sensor Type: 1 / 2.5" HD CMOS
- Light Sensitivity: 1.4 V/lux-sec (550nm)
- Video Format: MJPG codec, .AVI file format
- Exposure Control : Auto
- White Balance: Auto

Audio:
- Built-in microphone

Photo:
- Resolution: 4032 x 3024
- Camera: 12.0 Mega Pixels
- Format: JPEG
- Capture mode: Auto snapshot every 3 seconds

Storage:
- Memory: micro SD card, support max up to 32GB capacity (recommended Class 6 or above)
- Avg. Record Time: 10~15min/GB

Product size: 92 x 30 x 30 mm
Weight: 99g
Operating System (for USB drive): Win ME, 2000, XP, Vista, 7; Mac OS X 10.6+

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Subject to technical changes!